



# New System Upgrades

## SYSTEM

### New Database Server Platform

Based on the complexity of the implementation of a new database server platform, no new features or enhancements to system functionality will be incorporated during this release. The USA Staffing 1102 release consists of the following system upgrades:

- Move from Oracle10g on Windows to Oracle 11g on HP-UNIX operating system.
- 32 CPU cores and 256 GB memory.

The **Oracle 11g on HP-UNIX** operating system platform will keep USA Staffing best positioned to provide the highest level of service. In terms of hardware, system servers were upgraded to **8 quad-core processors (32-cores) and 256 GB memory**. The former primary database server was a Windows server with 12 physical dual-core processors (24-cores) and 96 GB of memory.

This upgrade not only provides an increase in the number of processors and amount of memory but a major upgrade in processor technology as well. We expect anywhere from 2 to 9 times increase in the processing power as a result of these new processors. The primary benefits of this migration are the following:

- **High availability features and database management tools improvements.** The move to Oracle 11g gives our database administrators improvements in high availability features and database management tools that aid them in keeping the various databases as up-to-date as possible and running as efficiently as possible.
- **Better Oracle support.** This upgrade takes us to what Oracle considers a Tier 1 platform. Oracle on HP-UX has long been a preferred platform for large Oracle systems which provides better support from Oracle across the board.
- **Performance improvements.** Performance improvements are expected with this move to a new software version.